

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEYS DOCKET NO. 5252YU-1 U.S. APPLICATION NO. (If known, see 35 CFR 1.5) 10/542,427
INTERNATIONAL APPLICATION NO. PCT/KR2004/000054	INTERNATIONAL FILING DATE January 14, 2004	PRIORITY DATE CLAIMED January 14, 2003
TITLE OF INVENTION BIODEGRADABLE DUAL POROUS SCAFFOLD WRAPPED WITH SEMI-PERMEABLE MEMBRANE AND TISSUE CELL CULTURE USING THEREOF		
APPLICANT(S) FOR DO/EO/US Jung-Hyun KIM et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 10 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> A preliminary amendment. 13. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 14. <input type="checkbox"/> A substitute specification. 15. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 1.54(d)(4). 19. <input checked="" type="checkbox"/> Other items or information: Check, Postcard Receipt; Copy of Notification 		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/KR2004/000054</div>		ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">5252YU-1</div>	
21. The following fees are submitted: <input type="checkbox"/> a) Basic national fee \$300.00 <input type="checkbox"/> b) Examination fee \$200.00 <input type="checkbox"/> c) Search fee \$500.00 <div style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$1,000.00</div>				Applicant use	Office use only
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets		Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
	-100 =	/50 =		x \$250.00	\$
Surcharge of \$130.00 for finishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$	130.00
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		- 20 =		x \$50.00	\$
Independent claims		- 3 =		x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	130.00
Amount to be refunded:					\$
Amount to be charged:					\$

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01 FC: 617 130.00 OP

- a. ☒ A check in the amount of \$ 130.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1970. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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Denver, Colorado 80202-5141
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SIGNATURE

Joseph E. Kovarik
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CUSTOMER NO. 22442

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DATE OF DEPOSIT: March 9, 2006

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED
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OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE
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FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED OR PRINTED NAME: CAROL WERNER

SIGNATURE: Carol Werner



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

2PW/JEK.

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/542,427	Jung-Hyun Kim	5252YU-1

INTERNATIONAL APPLICATION NO.

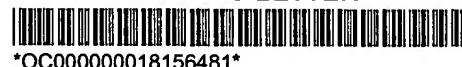
PCT/KR04/00054

I.A. FILING DATE	PRIORITY DATE
01/14/2004	01/14/2003

22442
 SHERIDAN ROSS PC
 1560 BROADWAY
 SUITE 1200
 DENVER, CO 80202

CONFIRMATION NO. 3355

371 FORMALITIES LETTER



OC000000018156481

Date Mailed: 03/01/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/13/2005
- English Translation of the IA filed on 07/13/2005
- Copy of the International Search Report filed on 07/13/2005
- Copy of IPE Report filed on 07/13/2005
- Copy of Annexes to the IPER filed on 07/13/2005
- Preliminary Amendments filed on 07/13/2005
- Request for Immediate Examination filed on 07/13/2005
- U.S. Basic National Fees filed on 07/13/2005
- Priority Documents filed on 07/13/2005
- Specification filed on 07/13/2005
- Claims filed on 07/13/2005
- Abstracts filed on 07/13/2005
- Drawings filed on 07/13/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

PART 1 - ATTORNEY/APPLICANT COPY

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10/542,427	PCT/KR04/00054	5252YU-1